

Massachusetts Occupational Injuries and Illnesses

As Compiled by
The Massachusetts Division of Occupational Safety
and the U.S. Department of Labor



Agriculture, Forestry, and Fishing Industry 2002 Report

Select Occupations in the Agriculture, Forestry, and Fishing Industry

- ◆ Farm workers
- ◆ Horticultural workers
- ◆ Nursery workers
- ◆ Groundskeepers & gardeners
- ◆ Livestock workers
- ◆ Dairy farmers
- ◆ Animal specialists
- ◆ Livestock veterinarians
- ◆ Agricultural services
- ◆ Landscapers
- ◆ Forestry workers
- ◆ Commercial fishers

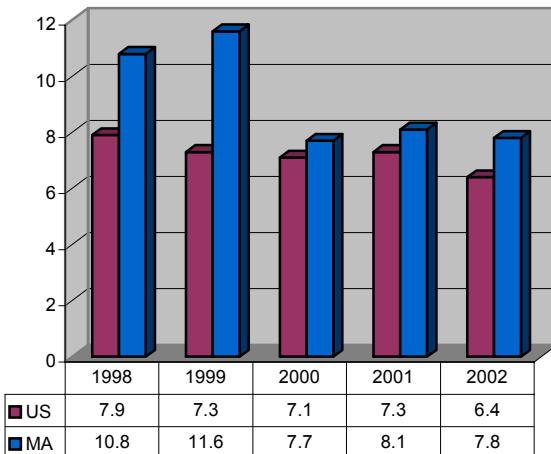
Includes Standard Industrial Classification codes 01-09

MA 2002 Population: 6,427,801
 MA 2002 Employment: 3,202,327
 MA 2002 Agriculture, Forestry, and Fishing Employment: 26,722²

Incidence Rates

- The incidence rate in MA in 2002 was 7.8, a decrease from 8.1 in 2001
- MA rates were slightly higher than National rates from 1998 to 2002

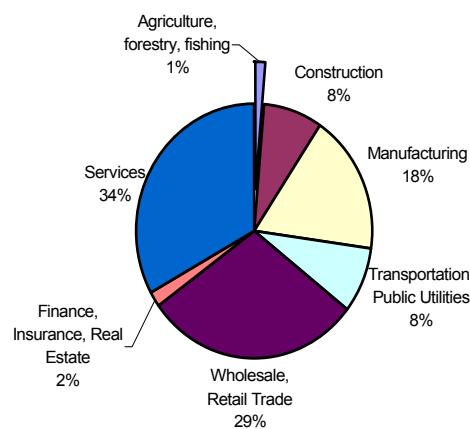
Chart 1: Incidence rates¹ of nonfatal occupational injuries and illnesses (per 100 full time workers), Agriculture, Forestry & Fishing, MA & US 1998-2002



Injury and Illness Numbers

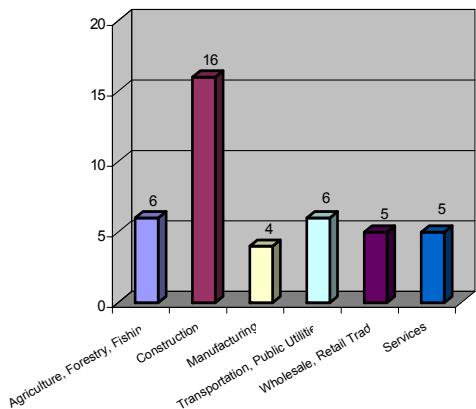
- The total number of nonfatal occupational injuries and illnesses in MA in 2002 was 108,900 (all industries)
- The Agriculture, Forestry, and Fishing industry made up 1% of the total injuries and illnesses in MA, or 1,500

Chart 2: Percent distribution of nonfatal occupational injuries and illnesses by major industry, 2002



Fatality Data

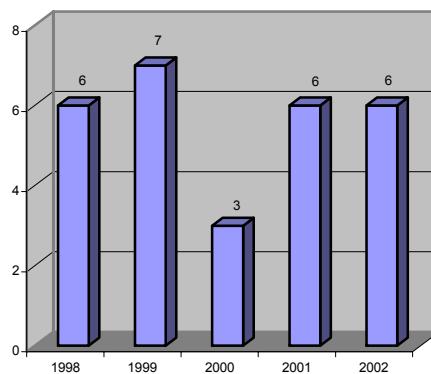
Chart 3: Number of fatal occupational injuries by major industry, 2002



- The Agriculture, Forestry, and Fishing industry represents 6 of the 46 total workplace fatalities in MA in 2002**

- There were six fatal injuries in 2001 & again in 2002 in the Agriculture, Forestry, and Fishing industry**

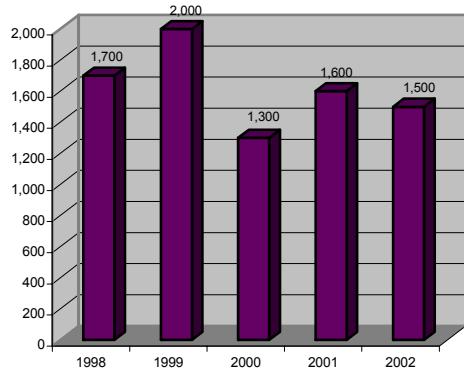
Chart 4: Number of fatal occupational injuries, Agriculture, Forestry & Fishing, 1998-2002



Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries
NOTE: Some data do not meet publication criteria and will not add to the total.

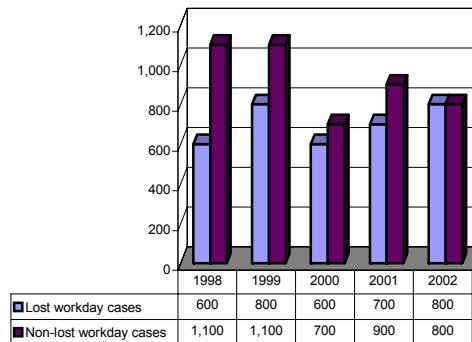
Injury and Illness Data

Chart 5: Total number of nonfatal injuries and illnesses, Agriculture, Forestry & Fishing 1998-2002



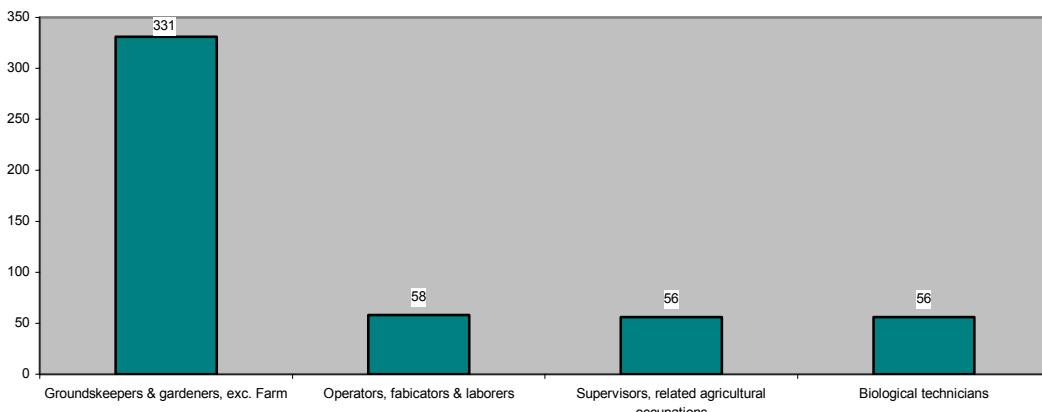
- The total number of nonfatal injuries and illnesses in MA decreased by about 100 in the Agriculture, Forestry, and Fishing industry from 2001 to 2002**
- There were about 100 more lost workday cases in 2002 than in 2001 and 100 fewer non-lost workday cases**

Chart 6: Numbers of Lost workday³ v. Non-lost workday cases of nonfatal occupational injuries and illnesses, Agriculture, Forestry & Fishing, 1998-2002



Occupation Data

Chart 7: Highest numbers of nonfatal occupational injuries and illnesses involving days away from work by selected worker occupations, Agriculture, Forestry & Fishing, 2002

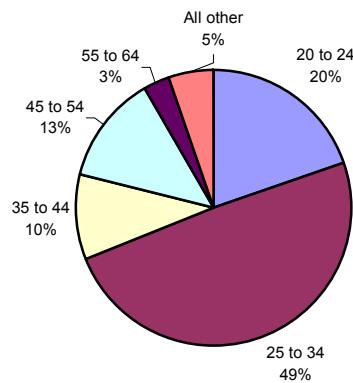


- Groundskeepers and gardeners had the highest numbers of injuries and illnesses involving days away from work in MA in 2002, followed by Operators, fabricators and laborers**

Case & Demographic Data

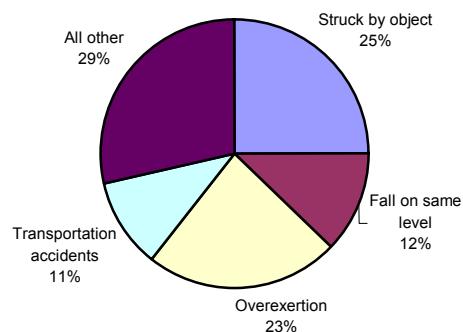
Age

Chart 8: Percent distribution of nonfatal injuries and illnesses involving days away from work by age of worker, Agriculture, Forestry & Fishing, 2002



Event or Exposure

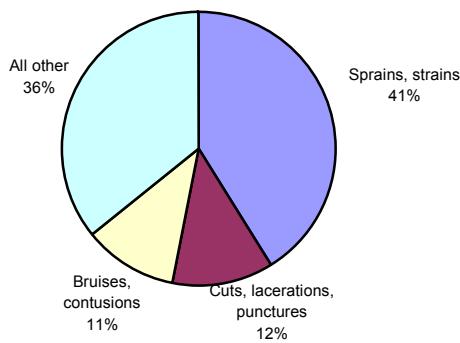
Chart 9: Percent distribution of nonfatal injuries and illnesses involving days away from work by event or exposure, Agriculture, Forestry & Fishing, 2002



- Workers ages 25 to 34 were the most commonly injured in the Agriculture, Forestry, and Fishing industry**
- Being struck by an object and overexertion were the highest causes of injury and illness in 2002**
- Sprains and strains were most common nature of injury and illness, followed by cuts, lacerations, and punctures**
- Injuries and illnesses to the lower extremities and the back made up almost 50% of the total injuries and illnesses in the Agriculture, Forestry, and Fishing industry in 2002**

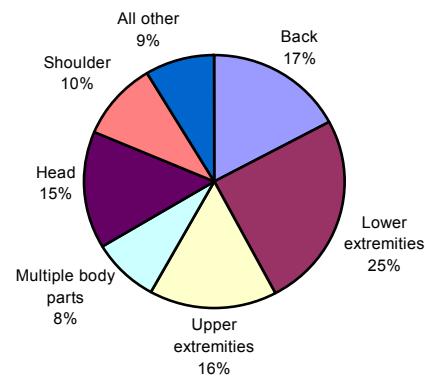
Nature of Injury

Chart 10: Percent distribution of nonfatal injuries and illnesses involving days away from work by nature of injury, Agriculture, Forestry & Fishing, 2002



Part of Body

Chart 11: Percent distribution of nonfatal injuries and illnesses involving days away from work by part of body, Agriculture, Forestry & Fishing, 2002



¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: $(N/EH) \times 200,000$ where
N = number of injuries and illnesses

EH = total hours worked by all employees during the calendar year.

200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

² Source: MA Division of Employment and Training 790 Current Employment Statistics Program, and U.S. Census Bureau. Figures are not benchmarked for 2002.

³ Total lost workday cases involve days away from work, days of restricted work activity, or both.

NOTE: Because of rounding, components may not add to totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

Massachusetts Occupational Injuries and Illnesses 2002 Report: Agriculture, Forestry, and Fishing Industry



This report was compiled from data collected by the Massachusetts Division of Occupational Safety under a cooperative agreement with the U.S. Department of Labor, Bureau of Labor Statistics. Data has also been included from the Census of Fatal Occupational Injuries and the Massachusetts Division of Employment and Training.

Contact us at:

Massachusetts Division of Occupational Safety
399 Washington Street, 5th Floor
Boston, MA 02108
(617) 727-3593

Safety and Health reports for other states and the U.S.
available at:

www.bls.gov/IIF

Safety and Health resources available at:

www.state.ma.us/dos
www.osha.gov

View/Print this and other reports at:
www.state.ma.us/dos/pages/stats.htm

All Industries
Agriculture, Forestry, and Fishing
Construction
Finance, Insurance, and Real Estate
Manufacturing
Services
Transportation and Public Utilities
Wholesale and Retail Trade

Mining (see: www.msha.gov)



Massachusetts Division of Occupational Safety
399 Washington Street, 5th Floor
Boston, MA 02108